

Abstract

Composite medical devices for placement within a body vessel are disclosed. A composite medical device may include an intravascular filter, stent, stent graft, or other implantable device having a relatively stiff outer member, and an elastic inner member.

- 5 In some embodiments, the composite medical device may comprise an intravascular filter having a plurality of elongated legs formed from a composite material. In other embodiments, the composite medical device may comprise a composite stent or stent graft formed of composite threads. Selective portions of the outer member can be removed to expose the elastic inner member, thereby forming a flexibility region on the
- 10 device.